

Serial No.. 10/027,859 . Icc. 0/25/01.
Examiner: Group Art.Upit: 1653
Applicant: Evan Samuel Deneris
Title:Reagents And Methods For The
Screening Of Compounds Useful In The
Treatment Of Neurological Diseases
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FIG. 1

RATPET	GSGQIQ-LWQ	FLLELLADRA	N--AGCIAWE	G-GHGEFFLT	--DPDEVARR	WGERK-SKPN	MNYDKLSRAL	RYYYDKNTMS	KVH-GKRYAY	RF
MUSFL1	GSGQIQ-LWQ	FLLELLDSA	N--ASCITWE	G-TNGEFKMT	--DPDEVARR	WGERK-SKPN	MNYDKLSRAL	RYYYDKNTMT	KVH-GKRYAY	KF
HUMERG	GSGQIQ-LWQ	FLLELLDSSS	N--SSCITWE	G-TNGEFKMT	--DPDEVARR	WGERK-SKPN	MNYDKLSRAL	RYYYDKNTMT	KVH-GKRYAY	KF
DROETS3	GSGQIQ-LWQ	FLLELLDSDN	N--ASCITWE	G-TNGEFKLT	--DPDEVARR	WGERK-SKPN	MNYDKLSRAL	R-----	--	--
DROETS6	GSGQIQ-LWQ	FLLELLADSS	N--ANALWE	G-QSGEFRLI	--DPDEVARR	WGERK-AKPN	MNYDKLSRAL	RYYYDKNTMT	KVH-GKRYAY	KF
RATETS1	GSGPIQ-LWQ	FLLELLTDKS	C--QSFISWT	G-DGWEFKLS	--DPDEVARR	WGKRK-NKPK	MNYEKLSRGL	RYYYDKNLIH	KTA-GKRYVY	RF
VEITS	GSGPIQ-LWQ	FLLELLTDKS	C--QSFISWT	G-DGWEFKLS	--DPDEVARR	WGKRK-NKPK	MDEYKEKLSRGL	RYYYDKNTVH	KTA-GKRYVY	RF
MUSETS2	GSGPIQ-LWQ	FLLELLDQKS	C--QSFISWT	G-DGWEFKLA	--DPDEVARR	WGKRK-NKPK	MNYEKLSRGL	RYYYDKNIH	KTS-GKRYVY	RF
DROPNT1	GSGPIQ-LWQ	FLLELLDQKS	C--QSFISWT	G-DGWEFKLT	--DPDEVARR	WGTRK-NKPK	MNYEKLSRGL	RYYYDKNIH	KTA-GKRYVY	RF
MUSER71	HRGPIQ-LWQ	FLLELLDQGA	R--SSCIRWT	G-NSREFQLC	--DPKEVARL	WGKRK-RKPG	MNYEKLSRGL	RYYYRDTVL	KSG-GRKTY	RF
DROELG	NNQVQVQ-LWQ	FLLELLDCE	H--TDVIEW	G-TEGEFKLT	--DPDRVARL	WGEKK-NKPA	MNYEKLSRGL	RYYYGDMIS	KVS-GKRFAY	KF
MUSGABP	NNQVQVQ-LWQ	FLLELLDKD	A--RDCISWV	G-DEGEFKLN	--OPELVAQK	WGORK-NKPT	MNYEKLSRGL	RYYYGDMIC	KVQ-GKRFVY	KF
HUMERM	RRGSLQ-LWQ	FLLTLLDDPA	N--AHFIWT	G-RGMEEFKLI	--EPEEVARR	WGIQR-NRPA	MNYDKLSRL	RYYYEGIMQ	KVA-GERVY	KF
HUMER81	RRGSLQ-LWQ	FVALLDDPA	N--SHFIWT	G-RGMEEFKLI	--EPEEVARR	WGIQR-NRPA	MNYDKLSRL	RYYYEGIMQ	KVA-GERVY	KF
HUME1AF	RRGALQ-LWQ	FVALLDDPT	N--AHFIWT	G-RGMEEFKLI	--EPEEVARR	WGIQR-NRPA	MNYDKLSRL	RYYYEGIMQ	KVA-GERVY	KF
MUSPEA3	RRGALQ-LWQ	FVALLDDPT	N--AHFIWT	G-RGMEEFKLI	--EPEEVARR	WGIQR-NRPA	MNYDKLSRL	RYYYEGIMQ	KVA-GERVY	KF
HUMPEP1	GSRQIQ-LWQ	FLLELLQKE	F--RHVIWQ	QGEYGEFVTK	--DPDEVARL	WGRRK-CKPQ	MNYDKLSRAL	RYYYKRLIH	KTK-GKRTTY	KF
HUMELK1	MDPSVT-LWQ	FLLOLLREQG	N--GHIISWT	SRDGGEFFKLV	--DAEEVARL	WGLRK-NKTN	MNYDKLSRAL	RYYYDKNTIR	KVS-GQKFVY	KF
MUSSAP1	MDSAIT-LWQ	FLLQLQEPQ	N--EMICWT	SNDG-EFKL	--QAEEVARI	WGIRK-NKPN	MNYDKLSRAL	RYYYKRNLIK	KVN-GQKFVY	KF
MUSNET	MESAIT-LWQ	FLLHLLDQK	H--EHLCWT	SNDG-EFKL	--KAEEVAKL	WGLRK-NKTN	MNYDKLSRAL	RYYYKRNLIK	KVI-GQKFVY	KF
DROE74A	REGSTTLYWE	FLLKLQDRE	Y-CPRFIKW	NREKGVFRLV	--DSKAVSRL	WGMHK-NKPD	MNYETMGRAL	RYYYQRGILA	KVD-GQRVY	QF
MUSELF1	GKGNTIYLWE	FLLALLQDKA	T-CPKYIKWT	OREKGIFKLV	--DSKAVSRL	WGKHK-NKPD	MNYETMGRAL	RYYYQRGILA	KVE-GQRVY	QF
HUMERF1	GKGNTTLYWE	FLLDLLQDKN	T-CPRYIKWT	OREKGIFKLV	--DSKAVSKL	WGKHK-NKPD	MNYETMGRAL	RYYYQRGILA	KVE-GQRVY	QF
HUMNERF1	GKGNTTLYWE	FLLDLLQDKN	T-CPRYIKWT	OREKGIFKLV	--DSKAVSKL	WGKHK-NKPD	MNYETMGRAL	RYYYQRGILA	KVE-GQRVY	QF
DROETS4	GGGSHIHLWQ	FLLKELASQ	V-NGTAIRWI	DRSKGIFKIE	--DSVRVAKL	WGRK-NRPA	MNYDKLSRSI	ROYYKKGIMK	KTERSQRVY	QF
HIMESX	HAPRGTHWE	FIRDILIHPE	L-NEGILMKWE	NRHEGVFFKL	--RSEAVAQL	WGQKK-KNSN	MNYEKLSRAM	RYYYKREILLE	RVD-GRRVY	KF
DROYAN	PNTNGRLLWD	FLOQQLLNDRN	QKYSDDLIWK	CRDTGUVFKIV	--DPLAGLKL	WGIQR-NHLS	MNYDKMSRAL	RYYYRNILR	KVQ-GERHCV	QF
MUSPU1	SKKKIR-LYQ	FLLDLRSGD	MK--DSIWWV	DKDKGTQFS	SKHEEALAH	WGIQKGNRKK	MTYQKMARAL	RNYGKTGEVK	KVKK--KLTY	QF
HUMTEL	RIACRLLWD	YYVQLLSDS-	-RYENFIRWE	DKEISKIPRIV	--DPNGLARL	WGNHK-NRTN	MTYEKMSRAL	RHYTKLNIR	KEP-GQRLLF	RF

FIG. 2A

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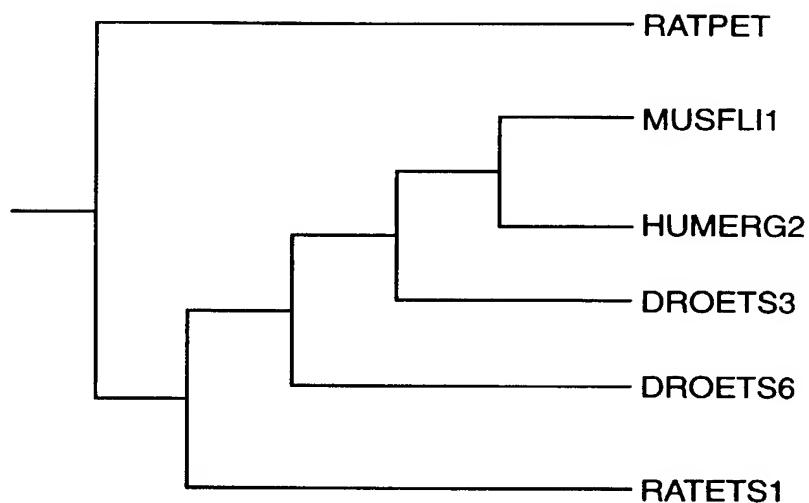
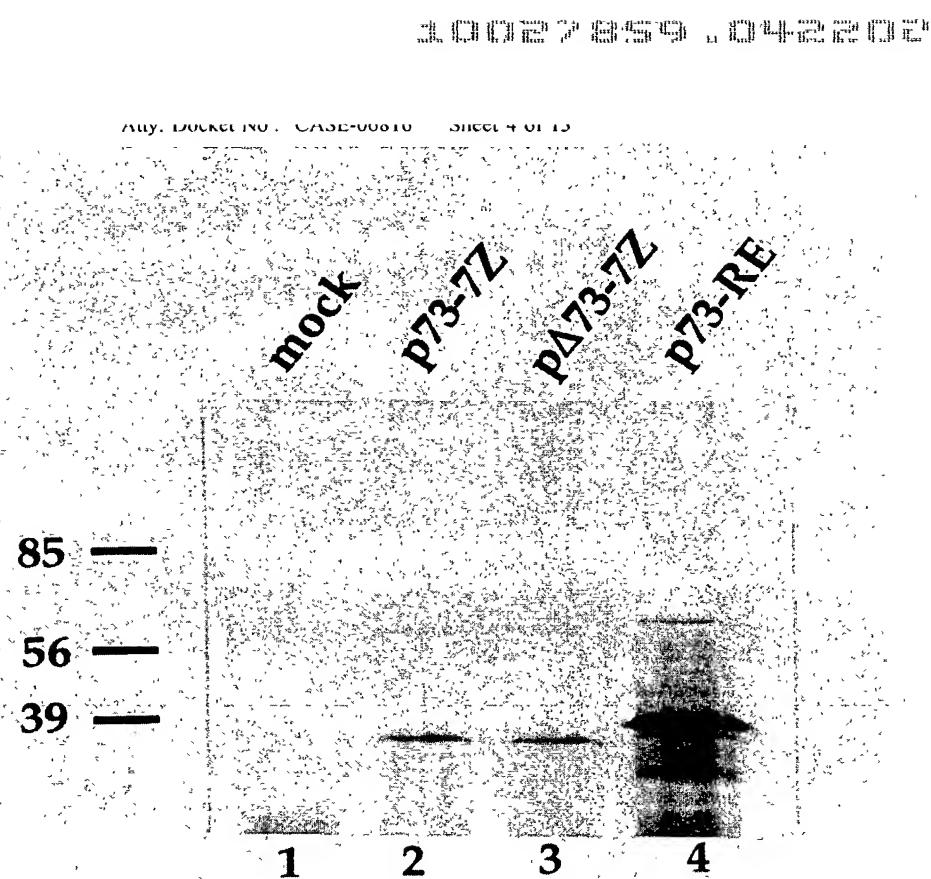


FIG. 2B

A

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B

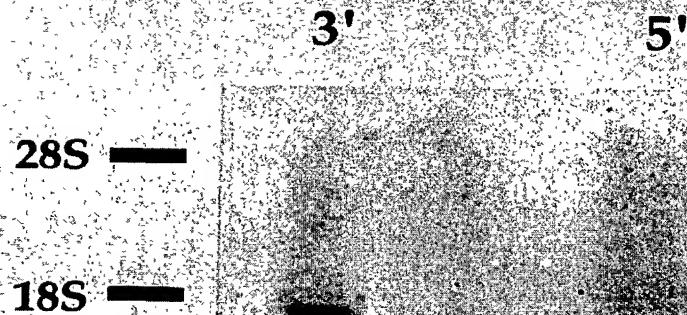
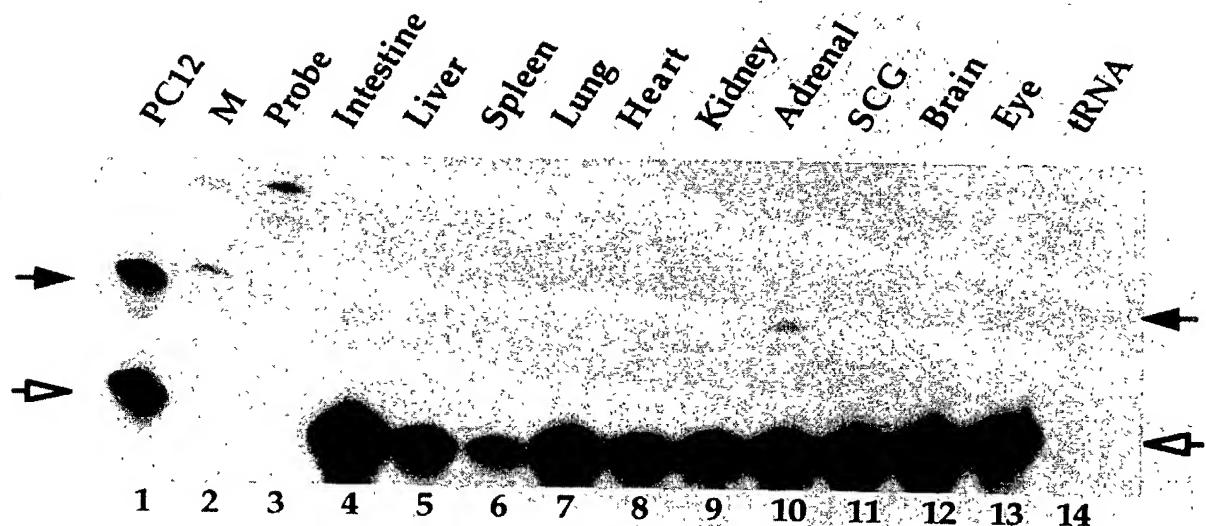


FIG. 3

A



B

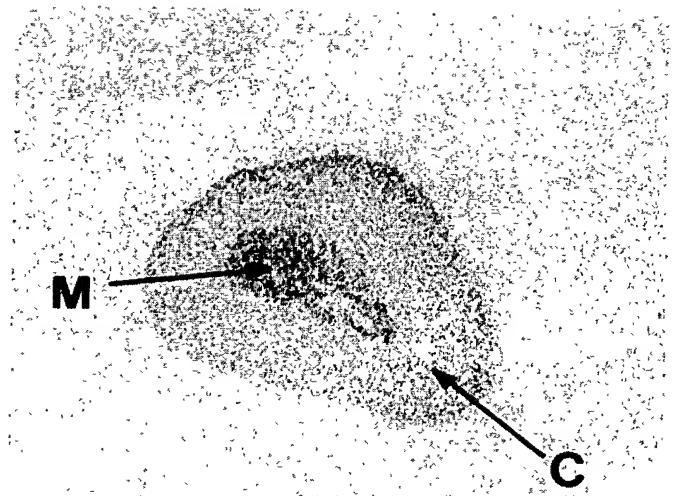


FIG. 4

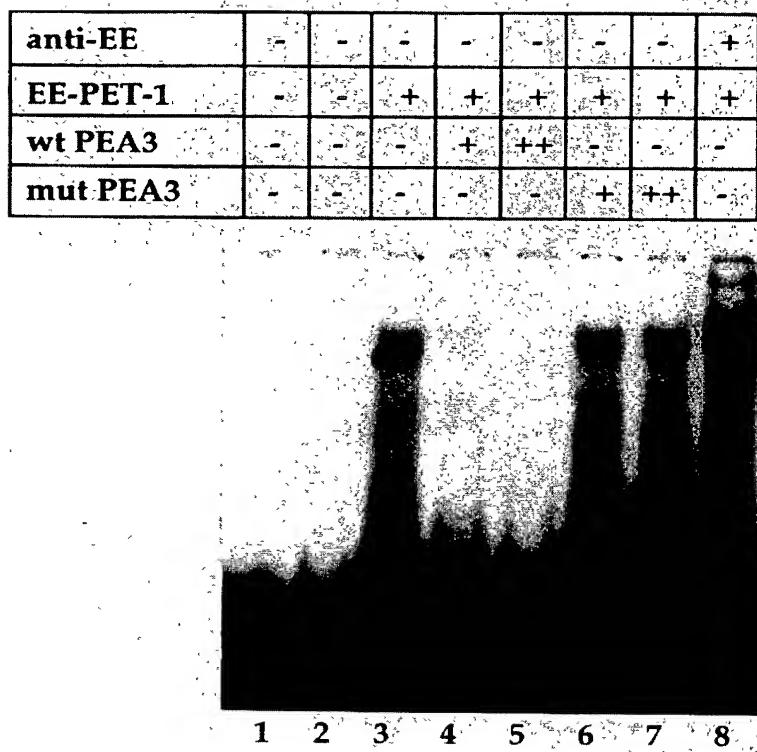


FIG.5

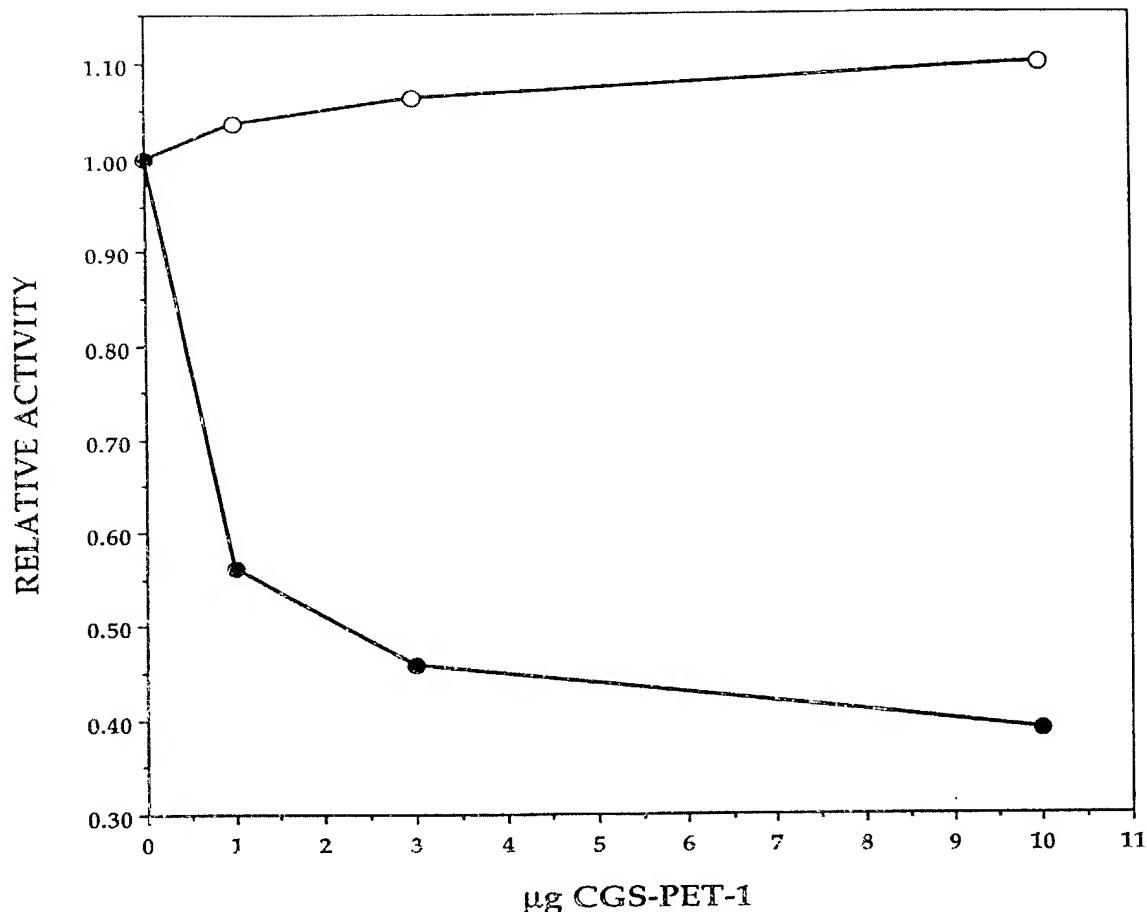


FIG. 6

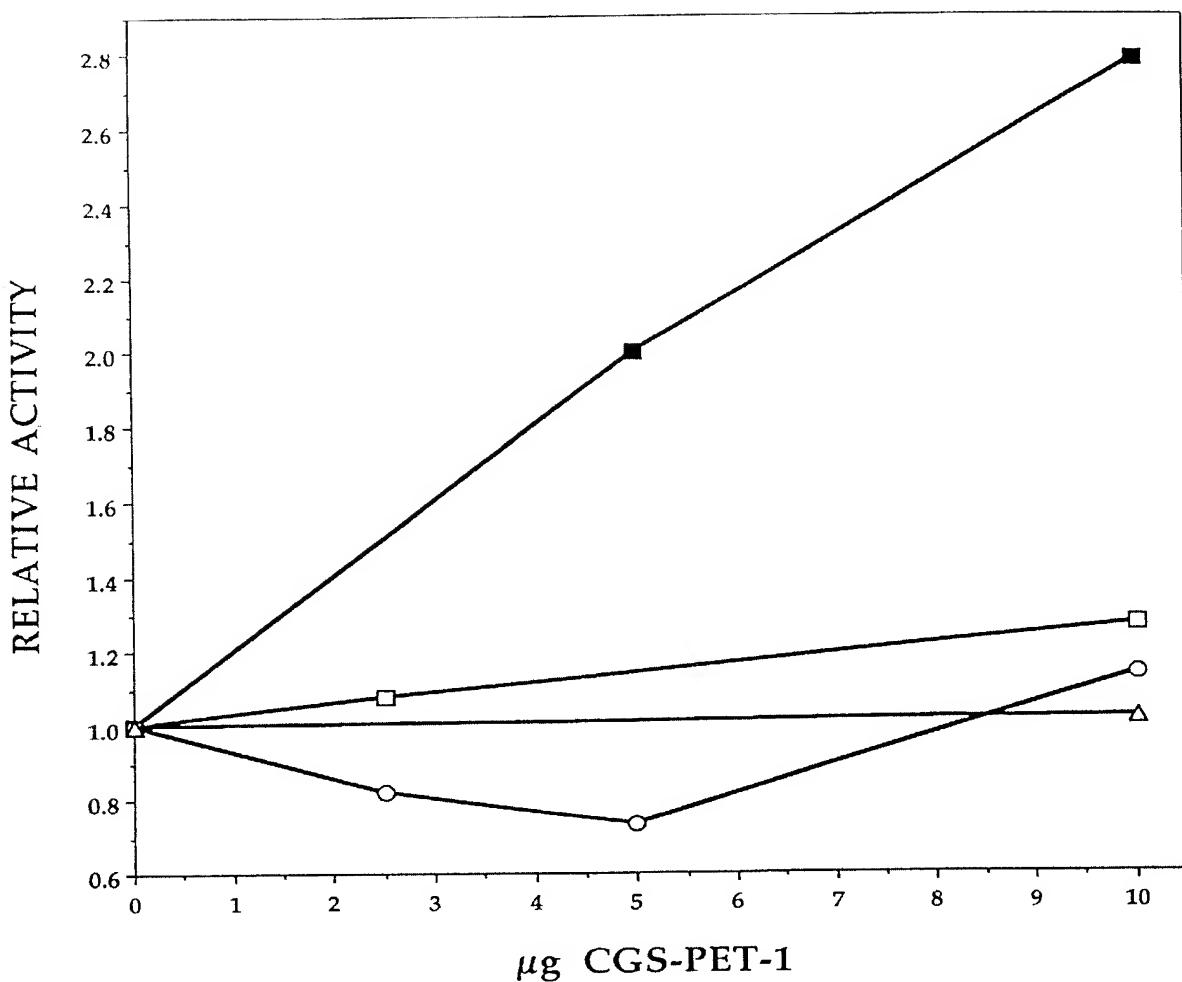


FIG. 7

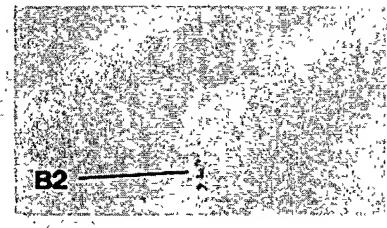
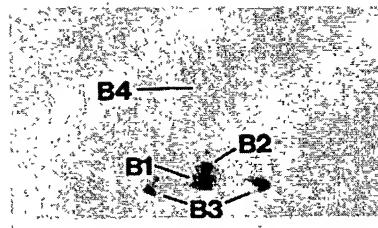
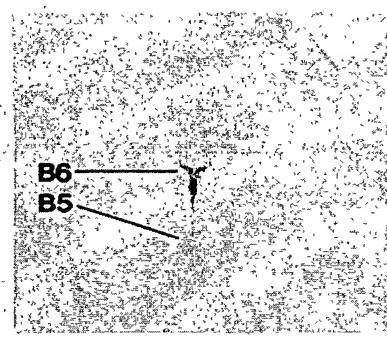
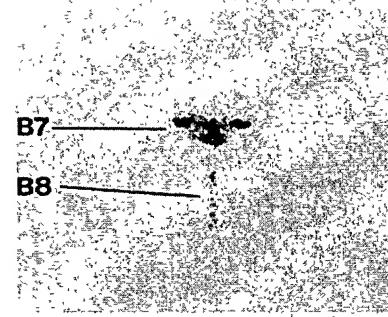
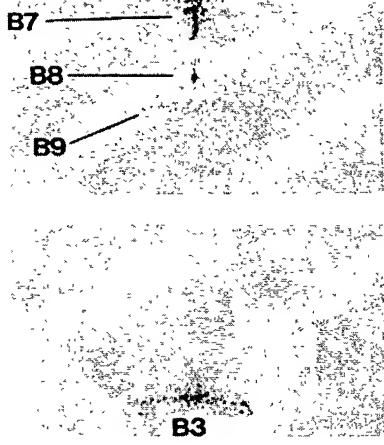


FIG. 8

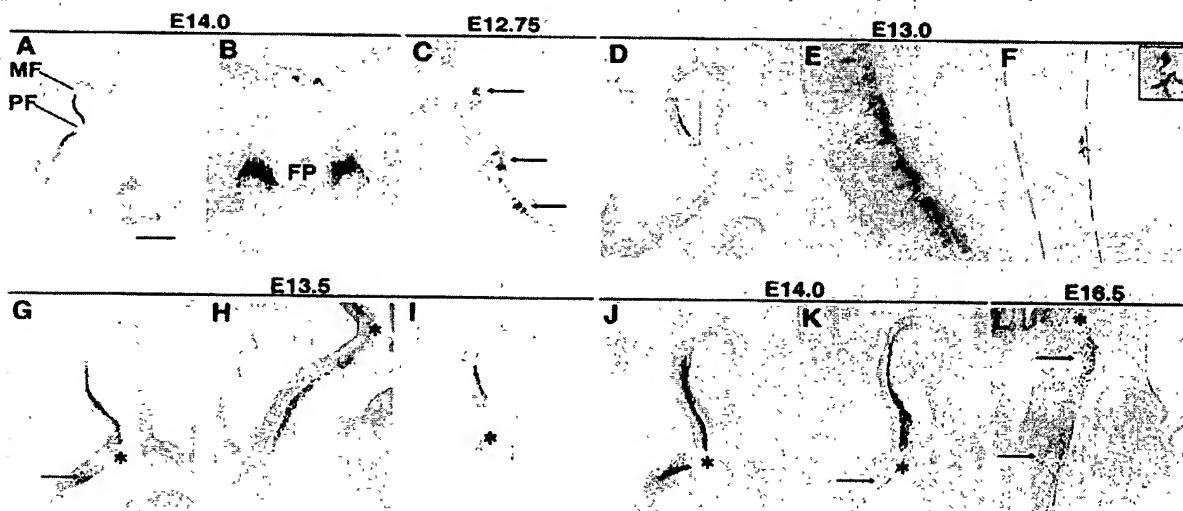


FIG.10

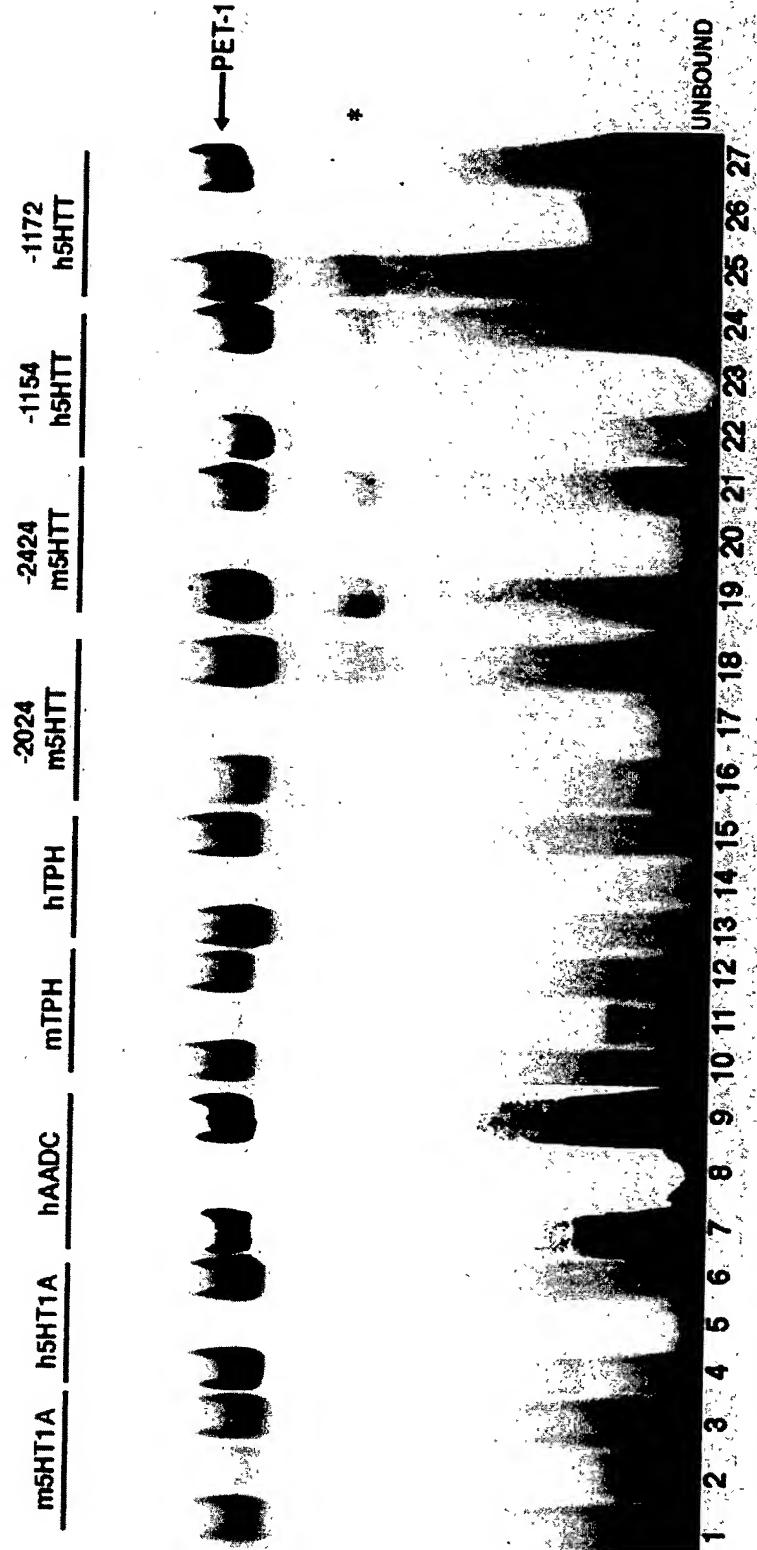


FIG. 1

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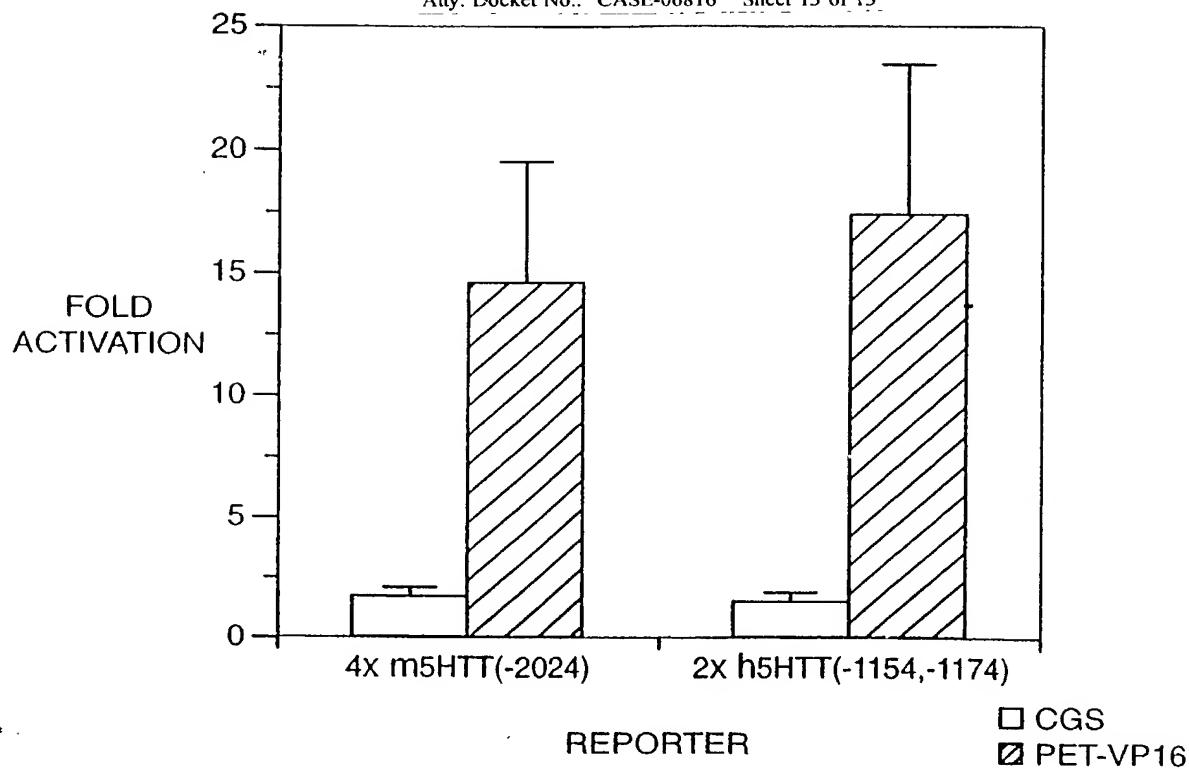


FIG. 12A

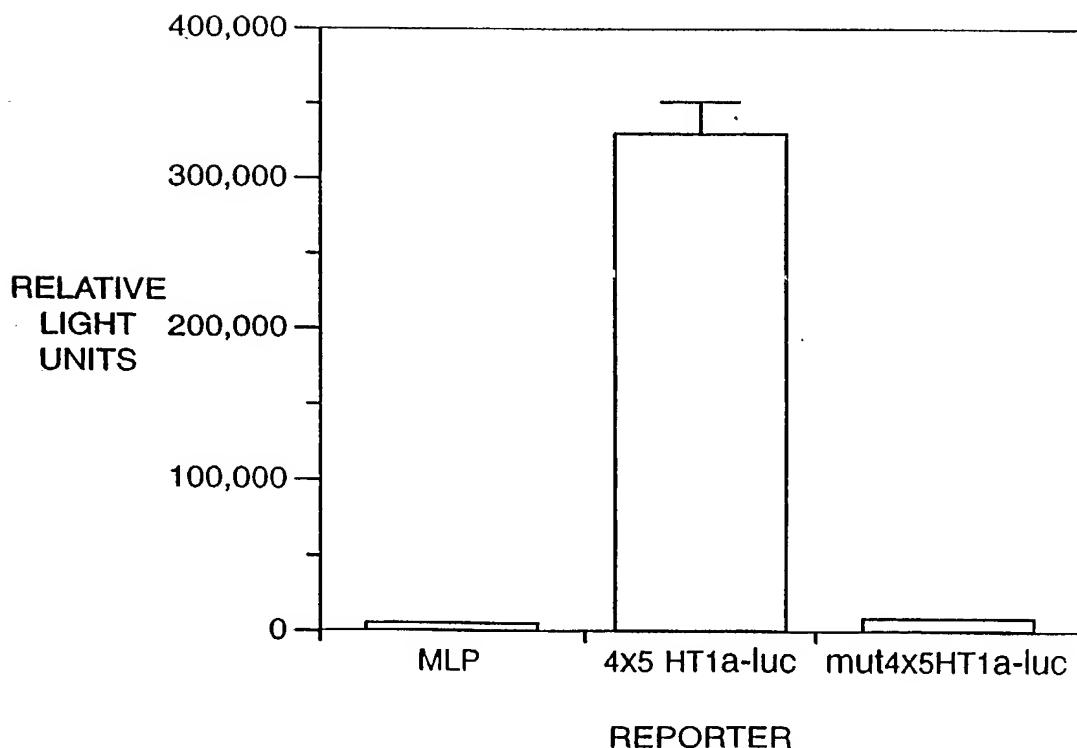


FIG. 12B